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| FORM PTO-1390 (REV 12-2001) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 60091.00386 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | DATE: March 18, 2005 |
| | | U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.5) 10/528403 |
| INTERNATIONAL APPLICATION NO. PCT/FI2002/000753 | INTERNATIONAL FILING DATE 20 September 2002 | PRIORITY DATE CLAIMED |
| TITLE OF INVENTION: MULTICAST TRANSMISSION IN A CELLULAR NETWORK | | |
| APPLICANT(S) FOR DO/EO/US: Lin XU; Juha-Pekka LUOMA; Sinikka SARKKINEN; Rod WALSH | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. (THE BASIC FILING FEE IS ATTACHED) 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures [35 U.S.C. 371(f)] at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]. <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)] <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]. 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]. 10. <input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. | | |
| Items 11 - 19 below concern other document(s) or information included: | | |
| <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98, including form PTO-1449 and 2 references. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 17. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 18. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 19. <input checked="" type="checkbox"/> Other items or information: CHECK NO. <u>12684</u>; Formal Drawings (Figs. 1-4; 3 sheets); PCT/ISA/210; PCT/IPEA/409 | | |

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| U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) 10/528403 | | INTERNATIONAL APPLICATION NO. PCT/FI2002/000753 | | ATTORNEY DOCKET NO. 60091.00386 | |
| | | | | DATE: March 18, 2005 | |
| 20. <input checked="" type="checkbox"/> The following fees are submitted: | | | | CALCULATIONS PTO USE ONLY | |
| Basic National Stage Fee\$300.00 | | | | | |
| National Stage Search Fee.....\$500.00 | | | | | |
| National Stage Examination Fee.....\$200.00 | | | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | \$ 1,000.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)]. | | | | | |
| Claims | Number Filed | Number Extra | Rate | | |
| Total Claims | 29 - 20 = | 9 | X \$ 50.00 | \$ 450.00 | |
| Independent Claims | 3 - 3 = | 0 | X \$ 200.00 | | |
| Multiple dependent claim(s) (if applicable) | | | + \$360.00 | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 = | | X \$250.00 | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1,450.00 | |
| Reduction by one-half for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27. | | | | | |
| SUBTOTAL = | | | | \$ 1,450.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. + | | | | | |
| TOTAL NATIONAL FEE = | | | | \$ 1,450.00 | |
| Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property + | | | | | |
| TOTAL FEES ENCLOSED = | | | | \$ 1,450.00 | |
| | | | | Amount to be refunded \$ | |
| | | | | Charged \$ | |

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a. ☒ A check in the amount of \$1,450.00 to cover the above fees is enclosed.

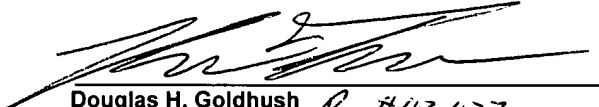
b. ☐ Please charge Counsel's Deposit Account No. 50-2222 in the amount of \$_____ to cover the above fee.
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Counsel's Deposit Account No. 50-2222.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive [37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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